

AMENDED CLAIMS (PURSUANT TO ART. 19 PCT)

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1. A CD/DVD digital card having a contactless microcomputer chip (1) comprising a base (4), generally having a credit or business card shape; a microcomputer (2) formed by a contactless chip (5) according to the ISO 7616 standard incorporated over the base (4); an antenna (6) for communication with specific terminals incorporated over the base (4); and a CD/DVD (3) incorporated over the base (4), legible and recordable by a standard reader/CD/DVD recorder, wherein the contactless chip (5) has a modifiable software and an open structure that allows the addition of new applications to the existing cards with the advantage that the users will not have to change them.

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2. The CD/DVD digital card with contactless microcomputer chip (1) according to claim 1, wherein said card (1) is applied to public and private transportation systems for payment and use authorization by said specific terminals capable to communicate with the digital card (1) and wherein the CD/DVD has data relative to said transportation systems legible in any standard reader.

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3. The CD/DVD digital card with contactless microcomputer chip (1) according to claim 1, wherein the microcomputer (2) of said digital cards (1) and a cryptographic module microcomputer of said specific terminals, put to practice proven solutions for card-terminal mutual authentication, certification of the transactions and DES algorithm, that allow read/record the chip (5) of the digital card (1) at a distance in a complete secure environment and because the mutual authentication between the microcomputer (2) and the cryptographic module microcomputer of said specific terminals guarantees a decentralize security structure that makes unnecessary to systematically resort to an authorization given by a central server.

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- 5 4. The CD/DVD digital card according to claim 1, wherein optionally there are other security devices of the magnetic strip-type, bar codes, Wiegand systems and scratchers added to the base (4).
- 10 5. The CD/DVD digital card according to claim 1, wherein a microcomputer chip is mounted over the base (4) without additional contact.